



# INDIANA ENVIRONMENTAL STEWARDSHIP PROGRAM ANNUAL PERFORMANCE REPORT

State Form 53475 (R3 / 1-11)  
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
ENVIRONMENTAL STEWARDSHIP PROGRAM

Indiana Department of Environmental Management  
Office of Pollution Prevention and Technical Assistance  
MC 64-00, Room IGCS W041  
100 North Senate Avenue  
Indianapolis, IN 46204-2251  
Telephone: (800) 988-7901  
FAX: (317) 233-5627  
E-mail: [esp@idem.IN.gov](mailto:esp@idem.IN.gov)

Please use this form if you are a member of the Indiana Environmental Stewardship Program (ESP) to report on progress toward objectives and targets AND certify ESP requirements continue to be achieved. Indiana ESP facilities must submit an Annual Performance Report (APR) by April 1<sup>st</sup> of every year, for each calendar year in which the entity has been a member for at least three (3) full months. Section C of your APR should be signed by your ISO 14001:2004 EMS Lead Auditor. Your APR should be reviewed and signed by a senior manager at your facility prior to submittal. Once signed, e-mail the APR to IDEM at [esp@idem.IN.gov](mailto:esp@idem.IN.gov). Please do not include any confidential business information in your annual performance report. Public access laws require IDEM to make the APR publicly available, which may include posting all portions of your report on the Indiana ESP Web site. If you have any questions, please contact IDEM at [esp@idem.IN.gov](mailto:esp@idem.IN.gov) or (800) 988-7901.

SECTION A		FACILITY INFORMATION	
Name of facility Mitsubishi Climate Control (MCCA)			
Name of parent company (if applicable) Mitsubishi Heavy Industries LTD			
Street address (number and street) 1200 North Mitsubishi Parkway			
City / State / ZIP code Franklin Indiana 46131			
Web site of Facility/Company WWW.MHICC.COM			
CONTACT INFORMATION			
Name of Contact (Mr. / Mrs. / Ms. / Dr.) Mr. Kent M. Smith			
Title Sr. Manager of Environmental and Facility Maintenance			
Telephone number 317-346-5058			
FAX number 317-738-4292			
E-mail address Kents@mhicc.com			
Mailing address (if different from facility address) Same			
City / State / ZIP Code Same			
REPORTING PERIOD			
Reporting period dates (month, day, year) 1/01/13-12/31/13			
1a. Is this the third Annual Performance Report of your membership term? <input checked="" type="checkbox"/> Yes—If yes, answer question 1b. <input type="checkbox"/> No—If no, skip to the "Change in Information" section of this report.			
1b. Do you wish to renew your Indiana Environmental Stewardship Program membership? <input checked="" type="checkbox"/> Yes—If yes, please complete all sections of this annual report. <input type="checkbox"/> No—If no, please complete all sections of this annual report except for Section F.			
CHANGE IN INFORMATION			
In your ESP application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any changes or additions to your facility's list of products or activities? <input checked="" type="checkbox"/> Yes—If yes, please describe them: Still make refrigeration cooling compressors for Vehicles. We also make Turbo Chargers. <input type="checkbox"/> No			
SECTION B		PUBLIC OUTREACH AND PERFORMANCE REPORTING	
Why do we need this information? IDEM needs to know how environmental information was shared with the public.		What do you need to do? Describe how the facility has shared and plans to share environmental information.	
Please briefly describe the activities that your facility conducted during this reporting period to interact with the community on environmental issues and to report publicly on its environmental performance. Reduced amount of Silicone sealer from being used on our MSC compressors			
Please indicate which of the following methods your facility plans to use to make its ESP Annual Performance Report available to the public. Please check as many as appropriate. <input type="checkbox"/> Web site ( <a href="http://www.mhicc.com">http://www.mhicc.com</a> ) <input type="checkbox"/> Open house <input checked="" type="checkbox"/> Meetings <input type="checkbox"/> Press releases <input type="checkbox"/> Other Japanese Surveys			

## SECTION C

## ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT

## Why do we need this information?

Facilities need to have implemented an EMS that meets certain criteria and use an ISO 14001:2004 EMS Lead Auditor at least every 36 months to assess the EMS.

## What do you need to do?

Answer the following questions about your EMS.

1. What is the most recent date that an ISO 14001:2004 EMS Lead Auditor performed an EMS assessment at your facility? **5/28/13**

2. Is the date of the most recent EMS assessment performed by an ISO 14001:2004 EMS Lead Auditor within the past 36 months?

☒ Yes—If yes, skip to Question 3.

☐ No—If no, please have your ISO 14001:2004 EMS Lead Auditor complete and sign the following checklist, indicating whether or not your EMS meets the listed criteria for ESP membership:

☐ Yes ☐ No Evidence of senior management support, commitment, and approval.

☐ Yes ☐ No A written environmental policy directed toward compliance, pollution prevention, and continuous improvement.

☐ Yes ☐ No Identification of the environmental aspects at the entity.

☐ Yes ☐ No Prioritization of the environmental aspects and a determination of those aspects deemed significant considering, at the minimum, environmental impacts and applicable laws and regulations.

☐ Yes ☐ No Established priorities, and environmental objectives and targets for continuous improvement in environmental performance and for ensuring compliance with applicable environmental laws, regulations, and permit conditions. Objectives and targets must go beyond current legal requirements and specify the environmental media, types of pollution to be prevented or reduced, implementation activities, and projected time frames.

☐ Yes ☐ No An established community outreach mechanism that includes identifying and responding to community concerns; informing the community of important matters that affect the community; and reporting on the EMS, including reporting to the public on the environmental policy and significant aspects.

☐ Yes ☐ No Incorporation of environmental and pollution prevention planning in the development of new products, processes, and services and modifications of existing processes.

☐ Yes ☐ No Evidence of clear responsibility for implementation, training, monitoring, EMS maintenance, taking corrective action, and ensuring compliance with applicable environmental laws, regulations, and permit conditions.

☐ Yes ☐ No Documentation of the implementation procedures and the results of implementation.

☐ Yes ☐ No Appropriate written EMS procedures.

☐ Yes ☐ No An annual evaluation of the EMS with written results provided to senior management and affected employees.

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Signature of ISO 14001:2004 EMS Lead Auditor \_\_\_\_\_ Date (month, day, year) \_\_\_\_\_

3. Were any deficiencies found during the most recent EMS assessment?

☒ No—If no, skip to Question 4.

☐ Yes—If yes, describe any deficiencies found and the corrective action taken to address each deficiency:

4. Name, title, and organization of ISO 14001:2004 EMS Lead Auditor that conducted the most recent EMS assessment: Attached is the signature page

5. What type of protocol was used to perform the independent EMS assessment?

☒ ISO 14001:2004 Certified audit

☐ Responsible Care EMS audit

☐ Responsible Care 14001 audit

☐ ESP Independent Assessment Protocol

☐ Other (please specify):

6. Is the EMS certified to a recognized standard?

☒ Yes—If yes, what standard does the EMS follow (please provide a copy of the most recent certificate)?

☒ ISO 14001:2004

☐ Responsible Care EMS

☐ Responsible Care 14001

☐ No.

7. When was the last Senior Management review of your EMS completed?

Month / Year: Audit review was completed on 5/29/13 and Monthly Manager meetings

Who headed the review (name and title)? Mr. Tetsuzo Uaki President of MCC

8. When did your facility last conduct an internal or corporate environmental compliance audit? Do not include inspections or site visits by regulatory organizations.  
 Scope of the compliance audit: Legal and other requirements Compliance audit  
 Month(s) / Year(s): March 11, 2014  
 Who conducted the audit(s) (e.g., facility staff, corporate, third party)? August Mack Environmental-Terri Fair (Third Party)

9 Explain the emergencies experienced within the facility during the past year. Were the applicable emergency and contingency plans detailed in the EMS effective? What changes, if any, have been made to your facility's emergency or contingency plans?  
We Successfully conducted Fire and tornado drills . Trained emergency response team including spill prevention . Only changed members

10 Has your facility corrected all instances of potential environmental non-compliance and EMS non-conformance identified during your audits and other assessments?  
☒ Yes—If yes, briefly summarize corrective actions taken and other improvements made as a result of your EMS assessment(s) or compliance audit(s).  
Used our corrective action system to identify action items and the tracked their completion through this system  
☐ No—If no, please explain your plans to correct these instances. ☐ No such instances identified.  
All corrective actions have been closed and verified

11. (Optional) Please provide a narrative summary of progress made toward EMS objectives and targets other than those reported as an Environmental Performance Initiative in Section E. You may limit the summary to environmental aspects that are *significant* and towards which *progress* has been made during the last calendar year. Attach additional sheets as necessary.

Environmental aspect	Progress made this year (e.g., quantitative or qualitative improvements, activities conducted)
123 over head lights	Continued to replace T-12 bulbs with T-8 bulbs Quantity around 150 bulbs
214 hazardous waste	Create a more user friendly spreadsheet to track #lbs hauled out on monthly basis

SECTION D ADDITIONAL INFORMATION	
Why do we need this information?	What do you need to do?
This information will help IDEM to effectively manage the Environmental Stewardship Program.	Answer the questions as completely as possible.
<p>1. In addition to ESP, please list environmental awards received or voluntary programs participated in during the past twelve months.</p> <p>2. Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider.  <u>Yes, we were able to reduce waste water samplings per month from two to one cutting cost in half.</u></p> <p>3. If your facility was not registered to the ISO 14001 standard prior to becoming an ESP member, has ESP helped you to pursue registration? If so, how has ESP been instrumental in achieving registration?</p>	

SECTION E ENVIRONMENTAL IMPROVEMENT INITIATIVE RESULTS				
Why do we need this information?			What do you need to do?	
Facilities need to share the results of the environmental improvement initiative that was pursued during the reporting period.			Summarize your facility's progress on achieving the initiative you identified in the application or last year's APR.	
Category: <u>Material Use</u> Indicator: <u>Hazardous material use</u>	Baseline Quantity	Future Goal Quantity	Current Quantity	Cost Savings
Calendar year	2012	2013	2013	By reduction in compressor built without sealant we saved \$13,330.81 or 174.108 Pounds of hazardous Mat.
Actual quantity (per year)	278.49	94.94	174.108	
Normalized quantity (per year)				
Basis for your normalizing factor (e.g., gallons of paint produced)	N/A			
Measurement unit (e.g., pounds)	Pounds			
Briefly describe how you achieved improvements for this environmental initiative or, if relevant, any circumstances that delayed progress. <u>Reducing the number of compressors built in 2013 without sealant compared to what we built with sealant in 2012</u>				
Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, Project XL).				
(Optional) If your facility has experienced continued results for environmental improvement initiatives pursued in past years of ESP membership, please share those results here.				

## SECTION F

## ENVIRONMENTAL IMPROVEMENT INITIATIVE

## Why do we need this information?

Facilities need to show they are committed to improving their environmental performance.

## What do you need to do?

Refer to the Environmental Performance Table and answer the following questions.

1. Select the appropriate boxes in the following table to indicate the **category** and **indicator(s)** that represents the environmental improvement initiative selected by your facility. For the category and indicator selected, list the **baseline year** (e.g., 2009) and the **future year** (e.g., 2010). Next, list the **baseline annual quantity** (e.g., 5 tons) and **future annual quantity** (e.g., 2 tons) you are committing to achieve by the end of the future year.

Category	Indicator	Baseline Year 20__13	Future Year 20__14	Unit
<input type="checkbox"/> Material Procurement	<input type="checkbox"/> Recycled content			Pounds, tons
	<input type="checkbox"/> Hazardous/toxic components			Pounds, tons
<input type="checkbox"/> Suppliers' Environmental Performance	<input type="checkbox"/> Specify indicator: _____			As specified for the particular indicator
<input type="checkbox"/> Material Use	<input type="checkbox"/> Materials used			Pounds, tons
	<input type="checkbox"/> Hazardous materials used			Pounds, tons
	<input type="checkbox"/> Ozone depleting substances used			CFC-11 equivalent pounds
	<input type="checkbox"/> Total packaging materials used			Pounds, tons
<input type="checkbox"/> Water Use	<input type="checkbox"/> Total water used			Gallons
<input type="checkbox"/> Energy Use	<input type="checkbox"/> Electricity			kWh / MWh, Btu / MMBtu
	<input type="checkbox"/> Steam			kWh / MWh, gallons, ft <sup>3</sup>
	<input type="checkbox"/> Natural gas			Btu / MMBtu
	<input type="checkbox"/> Diesel			Gallons
	<input type="checkbox"/> Propane / LPG			Btu / MMBtu, gallons
	<input type="checkbox"/> Gasoline			Gallons
	<input type="checkbox"/> Solar			kWh / MWh
	<input type="checkbox"/> Wind			kWh / MWh
	<input type="checkbox"/> Landfill gas			Btu / MMBtu
	<input type="checkbox"/> Combined heat and power			kWh / MWh, Btu / MMBtu
	<input type="checkbox"/> Other: _____			_____
<input type="checkbox"/> Land and Habitat	<input type="checkbox"/> Land and habitat conservation			Square feet, acres
	<input type="checkbox"/> Community land revitalization			Square feet, acres
<input type="checkbox"/> Air Emissions	<input type="checkbox"/> Total GHGs			MTCO <sub>2</sub> E
	<input type="checkbox"/> VOCs			Pounds, tons
	<input type="checkbox"/> NO <sub>x</sub> , SO <sub>x</sub> , PM <sub>2.5</sub> , PM <sub>10</sub> , or CO			Pounds, tons
	<input type="checkbox"/> Air toxics			Pounds, tons
	<input type="checkbox"/> Odor			European Odour Units
	<input type="checkbox"/> Radiation			Curies, Becquerels
	<input type="checkbox"/> Dust			Pounds, tons
<input type="checkbox"/> Discharges to Water	<input type="checkbox"/> COD or BOD			Pounds, tons
	<input type="checkbox"/> Toxics			Pounds, tons
	<input type="checkbox"/> Total suspended solids			Pounds, tons
	<input type="checkbox"/> Nutrients			Pounds, tons of N or P
	<input type="checkbox"/> Sediment from runoff			Pounds, tons
	<input type="checkbox"/> Pathogens			MPN/ml, CFU/ml
<input type="checkbox"/> Non-hazardous Waste	<input type="checkbox"/> Landfill			Pounds, tons
<input type="checkbox"/> Hazardous Waste	<input type="checkbox"/> Incineration			Pounds, tons
	<input type="checkbox"/> Reused/recycled off-site			Pounds, tons, gallons
	<input type="checkbox"/> Other: _____			Pounds, tons, gallons
<input type="checkbox"/> Noise	<input type="checkbox"/> Noise			dBA
<input type="checkbox"/> Vibration	<input type="checkbox"/> Vibration			Inches per second
<input checked="" type="checkbox"/> Products	<input type="checkbox"/> Expected lifetime energy use			kWh / MWh, Btu / MMBtu
	<input type="checkbox"/> Expected lifetime water use			Gallons
	<input type="checkbox"/> Expected lifetime waste to air, water, or land from product use			Pounds, tons
	<input checked="" type="checkbox"/> Waste to air, water, or land from disposal or recovery	17,460 CF	12156 CF	Pounds, tons CF

2. What activities or process changes do you plan to undertake at your facility to accomplish your initiative (e.g., technology changes in a particular process line, employee training)? Reduce the amount of Helium usage on product by using a new recycling machine to be installed in July 2014

3. Does this initiative address a significant aspect in your EMS?

☒ Yes

☐ No—If no, please explain why you believe this indicator should be included as an environmental improvement initiative:

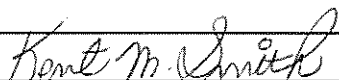
**CERTIFICATION AND PLEDGE**On behalf of (name of facility) Mitsubishi Climate Control

I certify that the information contained in this Annual Performance Report and attachments is accurate to the best of my knowledge and that this facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with all applicable federal, state, and local environmental requirements, or has a corrective action program in place to attain compliance.

We, Mitsubishi Climate Control, commit to maintaining the principles and goals outlined in our Environmental Management System for our facility's Indiana Environmental Stewardship Program status. We agree to strive for full compliance with all regulations promulgated by the U.S. EPA, state, or local jurisdictions. We agree to promote the Indiana Environmental Stewardship Program and to share our success stories with other facilities. We understand that the Annual Performance Report must be submitted to IDEM by April 1<sup>st</sup> of each year and that we must reapply to the Indiana Environmental Stewardship Program every three years.

I understand that the information provided in this Annual Performance Report will be public record. I am the senior facility manager or authorized facility signatory, and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is submitting this Annual Performance Report.

Signature



Title

Sr. Manager of Environmental

Date (month, day, year)

April 1, 2014

Printed signature

Kent M. Smith



# Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2004

This is to certify that:

MHI Climate Control, Inc.  
Headquarters & Production Facility  
1200 N. Mitsubishi Parkway  
Franklin  
Indiana  
46131  
USA

Holds Certificate No:

**EMS 70460**

and operates an Environmental Management System which complies with the requirements of ISO 14001:2004 for the following scope:

The EMS processes designed to manage the environmental risks occurring from the design, development, testing and manufacture of automotive HVAC systems, compressors, power train cooling systems and related components, including the Wind Tunnel Test Facility located on site.

For and on behalf of BSI:

Gary Fenton, Global Assurance Director

Originally registered: 06/13/2003

Latest Issue: 01/16/2014

Expiry Date: 04/30/2015



Page: 1 of 2

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This certificate remains the property of BSI and shall be returned immediately upon request.  
An electronic certificate can be authenticated [online](http://www.bsigroup.com/ClientDirectory). Printed copies can be validated at [www.bsigroup.com/ClientDirectory](http://www.bsigroup.com/ClientDirectory)  
To be read in conjunction with the scope above or the attached appendix.  
Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 845 060 9000  
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A Member of the BSI Group of Companies.

Certificate No: **EMS 70460**

**Location**

**Registered Activities**

MHI Climate Control, Inc.  
Headquarters & Production Facility  
1200 N. Mitsubishi Parkway  
Franklin  
Indiana  
46131  
USA

The design, development, testing and manufacture of automotive HVAC systems, compressors, power train cooling systems and related components.

Mitsubishi Wind Tunnel  
Mitsubishi Climate Controls  
1200 N. Mitsubishi Parkway  
Franklin  
Indiana  
46131  
USA

The design, development, testing and manufacture of automotive HVAC systems, compressors, power train cooling systems and related components.

MHI Climate Control, Inc.  
6555 18 Mile Road  
Sterling Heights  
Michigan  
48314  
USA

The design, development and testing of automotive HVAC systems, compressors, power train cooling systems and related components.

Originally registered: 06/13/2003

Latest Issue: 01/16/2014

Expiry Date: 04/30/2015

Page: 2 of 2

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317 916 8000 • www.augustmack.com  
1302 North Meridian Street, Suite 300 • Indianapolis, Indiana 46202

December 9, 2013

Mr. Kent Smith  
Mitsubishi Heavy Industries Climate Control, Inc.  
1200 North Mitsubishi Parkway  
Franklin, Indiana 46131

**Re: Proposal for Environmental Services  
Environmental Compliance Audit  
Mitsubishi Heavy Industries Climate Control, Inc.  
Franklin, Indiana  
Sterling Heights, Michigan  
August Mack Proposal Number PN2565.210**

Dear Mr. Smith:

In accordance with your request, August Mack Environmental, Inc. (August Mack) is pleased to provide Mitsubishi Heavy Industries Climate Control, Inc. (Mitsubishi) with this proposal for environmental compliance audits at the Mitsubishi facilities located in Franklin, Indiana and Sterling Heights, Michigan. Specifically, August Mack intends to perform environmental compliance audits at each facility to identify environmental regulations that apply to the facility and the compliance status of the facility with respect to each applicable environmental regulation. The environmental compliance audits will satisfy the compliance audit requirement to maintain the ISO 14001 standard at each facility.

The audits will involve determining each facility's current compliance status with respect to various applicable environmental regulations that include, but are not limited to: the Clean Air Act (CAA), Clean Water Act (CWA), Resource Conservation and Recovery Act (RCRA), Superfund Amendments and Reauthorization Act (SARA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Toxic Substances Control Act (TSCA), Emergency Planning and Community Right-to-know Act (EPCRA) and Safe Drinking Water Act (SDWA). The goal of this audit will be to evaluate each facility's current level of compliance by:

- Determining permitting, reporting, monitoring, recordkeeping, and emission/effluent limitation requirements that apply to the various regulatory programs listed above (and others, as applicable);
- Completing an internal and external environmental records review;
- Identifying deficiencies that may require additional compliance efforts; and,
- Recommending programs and/or procedures to address the deficiencies.



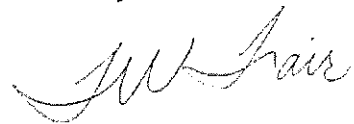
that require additional time outside of the above scope of work, cost estimates for these specific tasks can be provided.

Additionally, these costs assume that normal conditions will be encountered through the duration of this project. Any delays, obstructions, or other limitations caused by Mitsubishi or Mitsubishi's agents will result in an additional expense to Mitsubishi.

Invoices will be issued monthly for the work completed to date. A final invoice will be issued upon submittal of the draft reports. Payment is due upon receipt unless other arrangements are made prior to invoicing. Interest of 1.5 percent per month will be charged on all accounts more than 30 days old.

We appreciate the opportunity to provide Mitsubishi with this proposal and look forward to working with you on this project. If you are in agreement with the scope of work described above and the attached terms and conditions please sign, date, and return one copy of this proposal as your authorization to proceed. If you have any questions regarding this proposal or require additional information, please do not hesitate to contact us.

Sincerely,



Terri Fair  
Project Manager



Charles J. Staehler  
Principal Engineer of Compliance Services

Signature: Kent Smith

Acknowledging Attached Terms and Conditions for Franklin, IN (\$3,500)

Date: 12-18-13

Signature: Kent Smith

Acknowledging Attached Terms and Conditions for Sterling Heights, MI (\$2,000)

Date: 12-18-13